

CASTROL® HEAVY DUTY OEM SPECIFICATIONS

ENGINE OILS

PRODUCT	OEM	SPECIFICATIONS/REQUIREMENTS
Castrol® VECTON® Long Drain 5W-30 CK-4/SN	Caterpillar	ECF-3
	Cummins	CES 20086
	Detroit Diesel	DFS 93K222
	Deutz	DQC IV-18 LA
	Mack	EOS-4.5
	Mercedes-Benz	MB 228.51
	Renault	RLD-3
	Volvo	VDS-4.5
Castrol® VECTON® Long Drain 10W-30 CK-4	Caterpillar	ECF-3
	Cummins	CES 20086
	Detroit Diesel	DFS 93K222
	Deutz	DQC III-10 LA
	Ford	WSS-M2C171-F1
	JASO	DH-2
	Mack	EOS-4.5
	Mercedes-Benz	MB 228.31
	Renault	RLD-3
	Volvo	VDS-4.5
Castrol® VECTON® 15W-40 CK-4	Caterpillar	ECF-3
	Cummins	CES 20086
	Detroit Diesel	DFS 93K222
	Deutz	DQC III-10 LA
	Ford	WSS-M2C171-F1
	JASO	DH-2
	Mack	EOS-4.5
	Mercedes-Benz	MB 228.31
	Renault	RLD-3
	Volvo	VDS-4.5
Castrol® VECTON® 10W-30 FA-4	Cummins	CES 20087
	Detroit Diesel	DFS 93K223
Castrol® VECTON® Multi-Fuel 10W-30 and 15W-40 CK-4/NG	Cummins	CES 20086/20092
	Detroit Diesel	DFS 93K222
	Volvo	VDS-4.5
Castrol® CRB® Multi 10W-30 and 15W-40 CK-4	Caterpillar	ECF-3
	Cummins	CES 20086
	Detroit Diesel	DFS 93K222
	Deutz	DQC III-10 LA
	Ford	WSS-M2C171-F1
	Mack	EOS-4.5
	Mercedes-Benz	MB 228.31
	Renault	RLD-3
	Volvo	VDS-4.5

CASTROL® HEAVY DUTY OEM SPECIFICATIONS

TRANSMISSION FLUIDS

PRODUCT	OEM	SPECIFICATIONS/REQUIREMENTS
Castrol® HD Multipurpose ATF	Allison Transmission	TES 389
Castrol® TranSynd® 668	Allison Transmission	TES 668™, TES 295®, TES 468™
Castrol® TranSynd® RD	Allison Transmission	TES 353, C-4
Castrol® Trans-C™ HT	Caterpillar Eaton	TO-4 Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Trans-C™	Caterpillar	TO-4
Castrol® Syntrans™ 75W-90	Volvo	97315, 97319

HYDRAULIC FLUIDS

Castrol® Dual Range HV™ 32	Cincinnati Machine	P-68
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Dual Range HV™ 46	Cincinnati Machine	P-70
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Dual Range HV™ 68	Cincinnati Machine	P-69
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Blue Hydraulic Plus™ 32	Cincinnati Machine	P-68
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Blue Hydraulic Plus™ 46	Cincinnati Machine	P-70
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Blue Hydraulic Plus™ 68	Cincinnati Machine	P-69
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Paradene AW™ 32	Cincinnati Machine	P-68
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Paradene AW™ 46	Cincinnati Machine	P-70
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S
Castrol® Paradene AW™ 68	Cincinnati Machine	P-69
	Denison Hydraulics	HF-0, HF-1, HF-2 (Approved)
	Eaton	Vickers 35VQ25A, M2950-S, I-286-S

CASTROL® HEAVY DUTY OEM SPECIFICATIONS

OEM	PRODUCT	SPECIFICATIONS/REQUIREMENTS	FLUID TYPE
Allison Transmission	Castrol® TranSynd® 668	TES 668™, TES 295®, TES 468™	Transmission Fluid
	Castrol® TranSynd® RD	TES 353, C-4	Transmission Fluid
	Castrol® HD Multipurpose ATF	TES 389	Transmission Fluid
Caterpillar	Castrol® Trans-C™ HT	TO-4	Transmission Fluid
	Castrol® Trans-C™	TO-4	Transmission Fluid
	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	ECF-3	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	ECF-3	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	ECF-3	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	ECF-3	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	ECF-3	Engine Oil
Cincinnati Machine	Castrol® Dual Range HV™ 32	P-68	Hydraulic Fluid
	Castrol® Dual Range HV™ 46	P-70	Hydraulic Fluid
	Castrol® Dual Range HV™ 68	P-69	Hydraulic Fluid
	Castrol® Blue Hydraulic Plus™ 32	P-68	Hydraulic Fluid
	Castrol® Blue Hydraulic Plus™ 46	P-70	Hydraulic Fluid
	Castrol® Blue Hydraulic Plus™ 68	P-69	Hydraulic Fluid
	Castrol® Paradene AW™ 32	P-68	Hydraulic Fluid
	Castrol® Paradene AW™ 46	P-70	Hydraulic Fluid
	Castrol® Paradene AW™ 68	P-69	Hydraulic Fluid
Cummins	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	CES 20086	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	CES 20086	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	CES 20086	Engine Oil
	Castrol® VECTON® 10W-30 FA-4	CES 20087	Engine Oil
	Castrol® VECTON® Multi-Fuel 10W-30 CK-4/NG	CES 20086, CES 20092	Engine Oil
	Castrol® VECTON® Multi-Fuel 15W-40 CK-4/NG	CES 20086, CES 20092	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	CES 20086	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	CES 20086	Engine Oil
Detroit Diesel	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	DFS 93K222	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	DFS 93K222	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	DFS 93K222	Engine Oil
	Castrol® VECTON® 10W-30 FA-4	DFS 93K223	Engine Oil
	Castrol® VECTON® Multi-Fuel 10W-30 CK-4/NG	DFS 93K222	Engine Oil
	Castrol® VECTON® Multi-Fuel 15W-40 CK-4/NG	DFS 93K222	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	DFS 93K222	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	DFS 93K222	Engine Oil
Denison Hydraulics	Castrol® Dual Range HV™ 32-68	HF-0, HF-1, HF-2 (Approved)	Hydraulic Fluid
	Castrol® Blue Hydraulic Plus™ 32-68	HF-0, HF-1, HF-2 (Approved)	Hydraulic Fluid
	Castrol® Paradene AW™ 32-68	HF-0, HF-1, HF-2 (Approved)	Hydraulic Fluid
Deutz	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	DQC IV-18 LA	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	DQC III-10 LA	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	DQC III-10 LA	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	DQC III-10 LA	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	DQC III-10 LA	Engine Oil

CASTROL® HEAVY DUTY OEM SPECIFICATIONS

OEM	PRODUCT	SPECIFICATIONS/REQUIREMENTS	FLUID TYPE
Eaton	Castrol® Trans-C™	Vickers 35VQ25A, M2950-S, I-286-S	Transmission Fluid
	Castrol® Dual Range HV™ 32-68	Vickers 35VQ25A, M2950-S, I-286-S	Hydraulic Fluid
	Castrol® Blue Hydraulic Plus™ 32-68	Vickers 35VQ25A, M2950-S, I-286-S	Hydraulic Fluid
	Castrol® Paradene AW™ 32-68	Vickers 35VQ25A, M2950-S, I-286-S	Hydraulic Fluid
Ford	Castrol® VECTON® Long Drain 10W-30 CK-4	WSS-M2C171-F1	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	WSS-M2C171-F1	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	WSS-M2C171-F1	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	WSS-M2C171-F1	Engine Oil
Mack	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	EOS-4.5	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	EOS-4.5	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	EOS-4.5	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	EOS-4.5	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	EOS-4.5	Engine Oil
Mercedes-Benz	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	MB 228.51	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	MB 228.31	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	MB 228.31	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	MB 228.31	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	MB 228.31	Engine Oil
Renault	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	RLD-3	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	RLD-3	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	RLD-3	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	RLD-3	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	RLD-3	Engine Oil
Volvo	Castrol® VECTON® Long Drain 5W-30 CK-4/SN	VDS-4.5	Engine Oil
	Castrol® VECTON® Long Drain 10W-30 CK-4	VDS-4.5	Engine Oil
	Castrol® VECTON® 15W-40 CK-4	VDS-4.5	Engine Oil
	Castrol® VECTON® Multi-Fuel 10W-30 CK-4/NG	VDS-4.5	Engine Oil
	Castrol® VECTON® Multi-Fuel 15W-40 CK-4/NG	VDS-4.5	Engine Oil
	Castrol® CRB® Multi 10W-30 CK-4	VDS-4.5	Engine Oil
	Castrol® CRB® Multi 15W-40 CK-4	VDS-4.5	Engine Oil
	Castrol® Syntrans™ 75W-90	97315, 97319	Transmission Fluid
ZF	Allison® TranSynd™ (TES 295)	TE-ML 14C	Transmission Fluid
	BP Autran® Syn-295	TE-ML 14C	Transmission Fluid
	Castrol® Syntrans™ Max 75W-80	TE-ML 01E, 02E, 16P	Transmission Fluid